




UNITED STATES SPECIAL OPERATIONS COMMAND



Advance Planning Brief to Industry for USSOCOM Scalable Effects Weapons / Non- Lethal Weapons

“Somewhere something incredible
is waiting to be known.”

-Carl Sagan

SCIENCE AND TECHNOLOGY

Current SOF Needs

- **Multi-Bang Grenade (9-Bangs)**
- **Lead Free Training Grenade (Confined Training Areas)**

- Stopping Vehicles
- Stopping Vessels
- Aircraft Defense
- Clear a Facility Without Entering

- SOCOM SBIR Program
- Technical Experimentation (TE)
- Cooperative Research and Development Agreements (CRADA)
- USSOCOM Science and Technology Broad Agency Announcement (STBAA)
- ATLAS
- Technology Industrial Liaison Office (TILO)

NLW Technology Objectives

- Vehicle / Vessel Stopping
 - Minimal to No Significant Injury to Passengers
- Aircraft Defense
 - On Board System
- Isolate an Objective
 - A2AD for Extended Duration ($T = 15$ min)
- Clear a Facility Without Entering

S&T Engagement Tools

S&T ACTIVITY	OPPORTUNITY	ENGAGEMENT
Small Business Innovation Research (SBIR) Small Business Technology Transfer (STTR)	<ul style="list-style-type: none"> • S&T manages SBIR/STTR programs • Stimulates innovation for small businesses • 3 Phases 	<ul style="list-style-type: none"> • www.ussocomsbir.com • USSOCOM participates in three SBIR/STTR Topics Call per year (April, August, and December timeframes)
Technical Experimentation (TE) Events	<ul style="list-style-type: none"> • 3 events per FY each with different theme(s) • Industry opportunity to engage and demonstrate technology and concepts and get direct feedback from SOF Operators and SOCOM Acquisition Professionals 	<ul style="list-style-type: none"> • TE Request for Information (RFI) posted on FBO.gov for each TE Event • https://www.socom.mil/SOF-ATL/Pages/technical-experimentation.aspx
Cooperative Research & Development Agreements (CRADA)	<ul style="list-style-type: none"> • SOCOM employs Overarching and Specific (Traditional) CRADAs • Legal agreement to provide general and specific access to USSOCOM needs 	<ul style="list-style-type: none"> • Allows for the formulation and execution of Individual Work Plans (IWP) between the Collaborator – PEO/Directorate within SOF AT&L
Broad Agency Announcements (BAA)	<ul style="list-style-type: none"> • SOCOM S&T Directorate/PEOs develop and post BAAs to FBO.gov that provide Areas of Interest (AOI) to Industry and other External Organizations 	<ul style="list-style-type: none"> • S&T BAA once per year in April • TALOS BAA once per year in January • Biomedical BAA once per year in February through US Army
Atlas	<ul style="list-style-type: none"> • Web-based platform that enables posting of technology description and supporting documentation to a shared, central database 	<ul style="list-style-type: none"> • Vulcan supports evaluation/assessment/scoring of submitted technologies, and sharing of results • Go to www.vulcan-sof.com and register

Technology Industrial Liaison Office (TILO)

Our Mission

Communicate, Collaborate, and Connect industry capabilities, ideas, and solutions to command capability areas of interest

Receive and coordinate Unsolicited Proposals

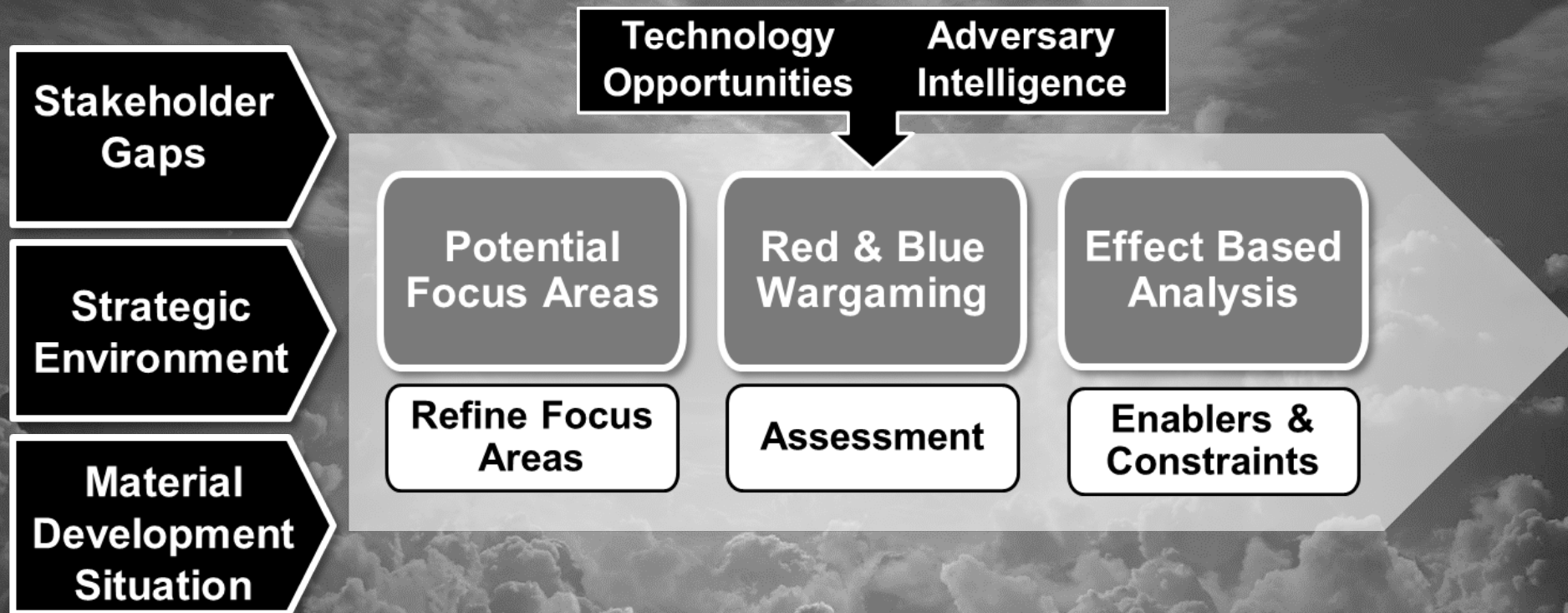
Receive and coordinate Cooperative Research And Development Agreements

Plan, coordinate, and conduct the annual Special Operations Forces Industry Conference

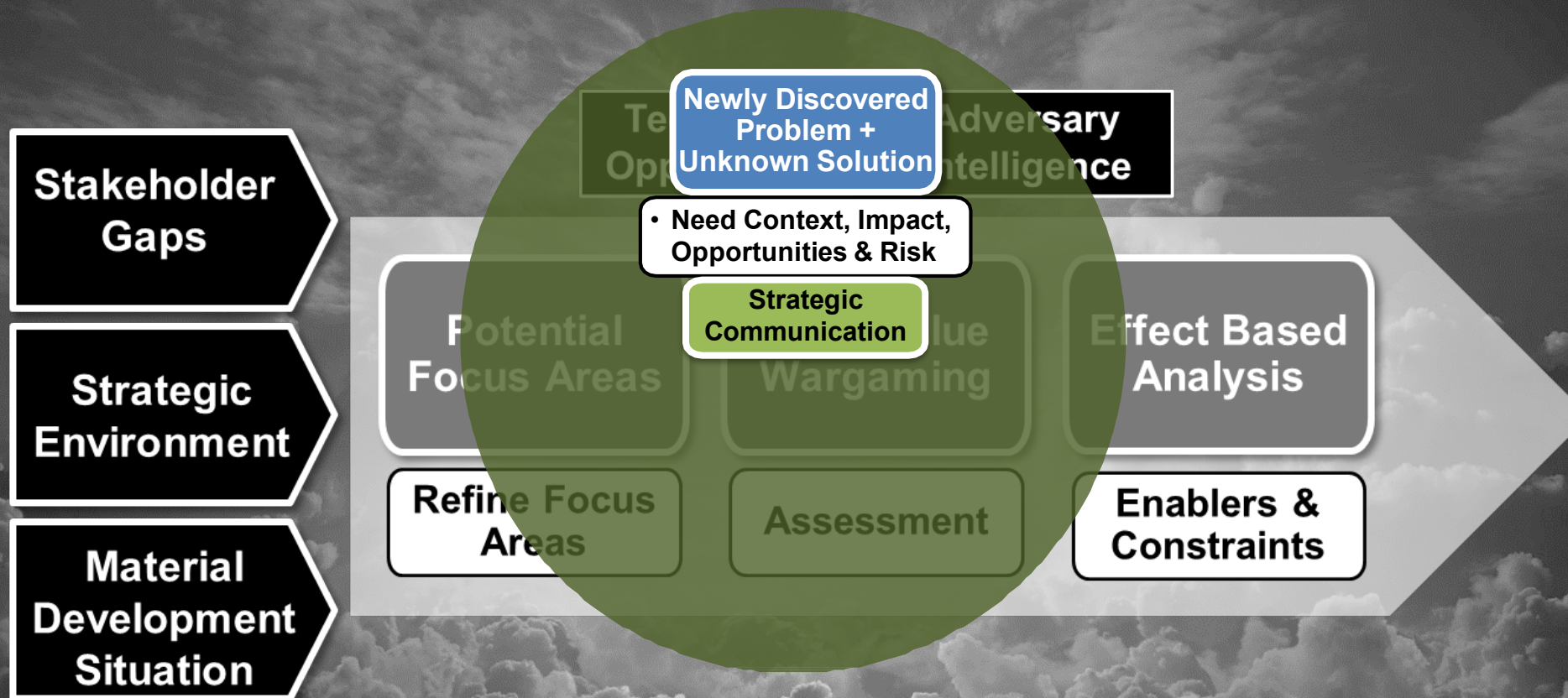


GO TO: <http://www.socom.mil/sof-atl/Pages/submit-your-idea.aspx>

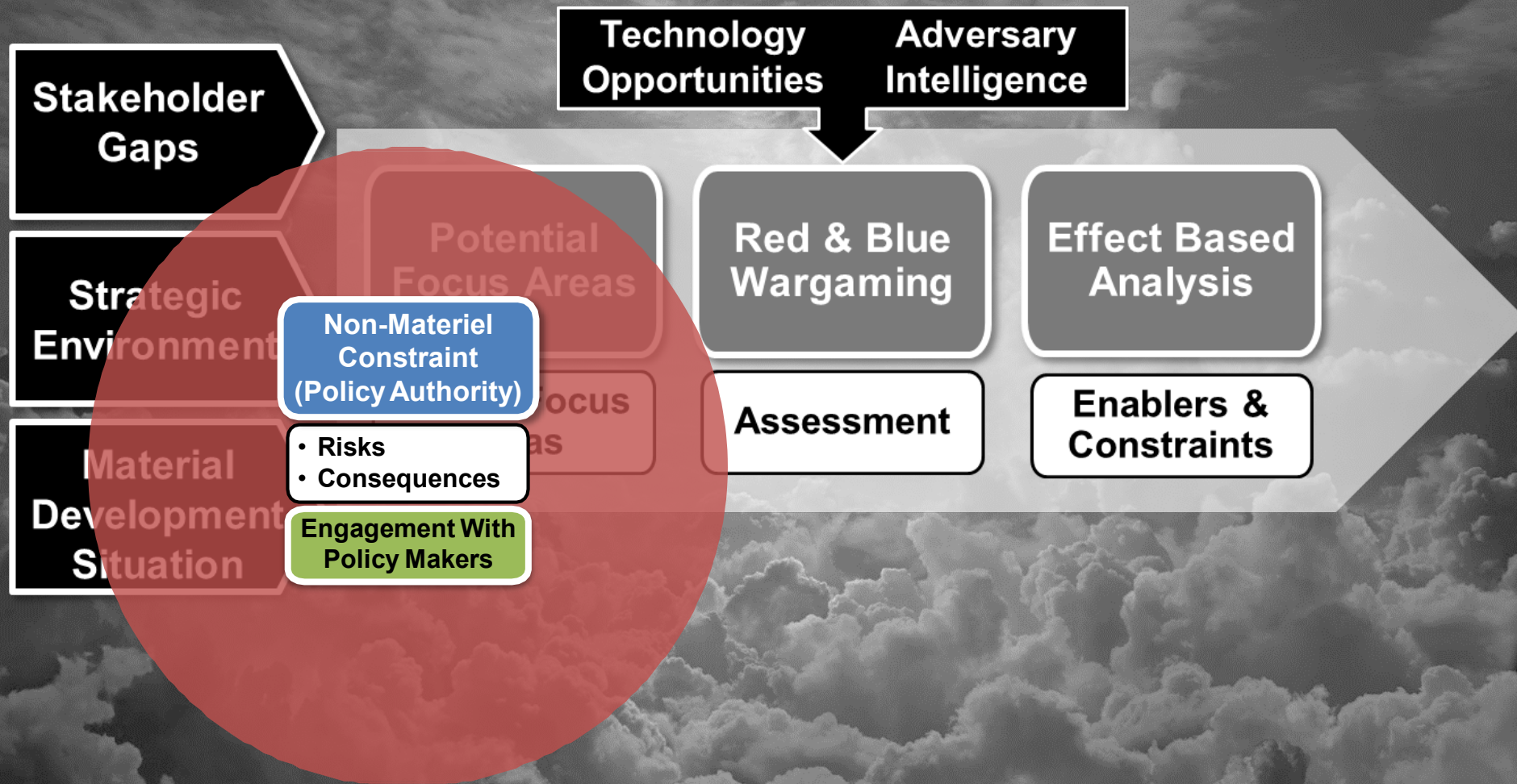
SOCOM S&T PROCESS



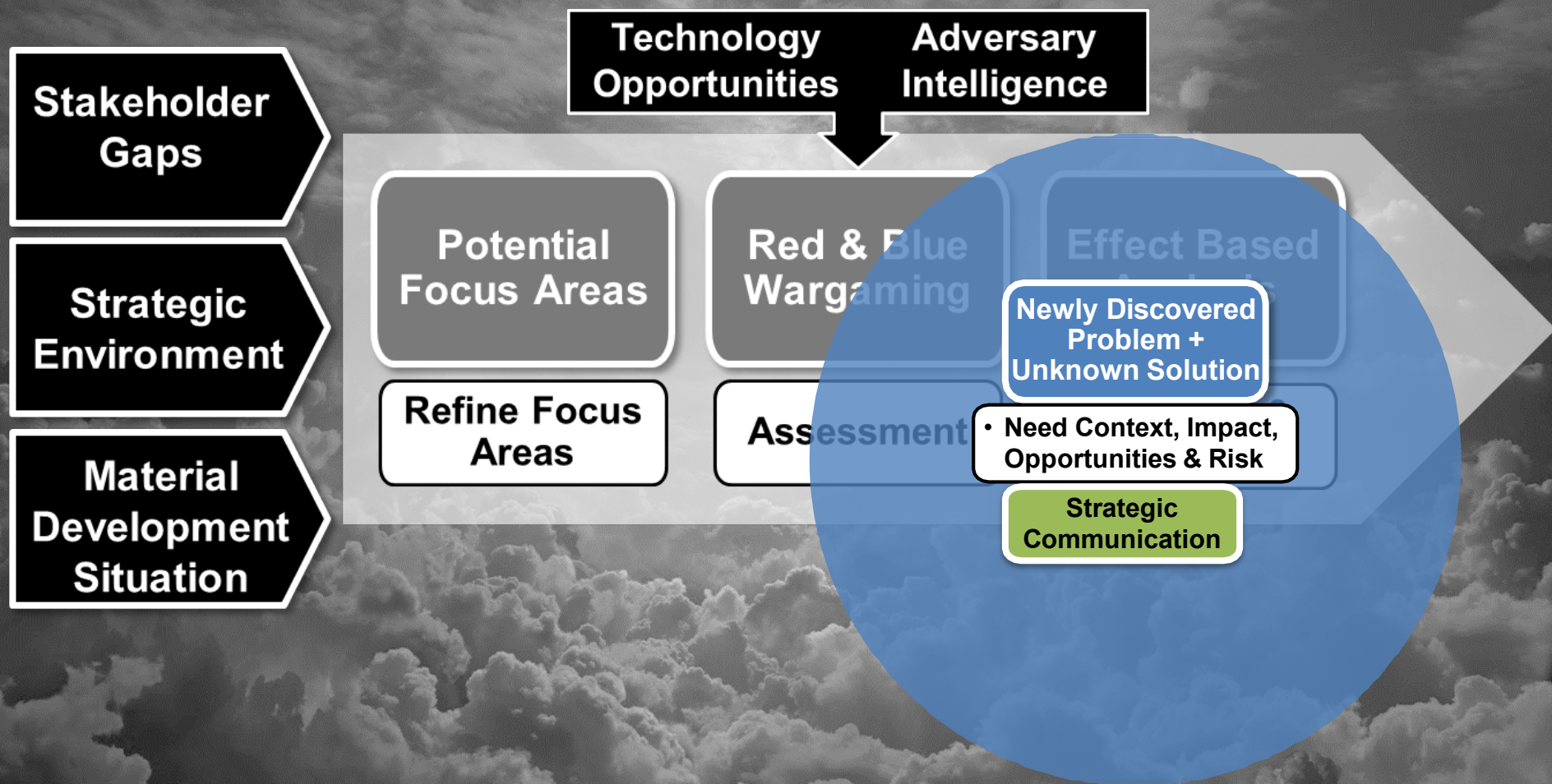
SOCOM S&T PROCESS



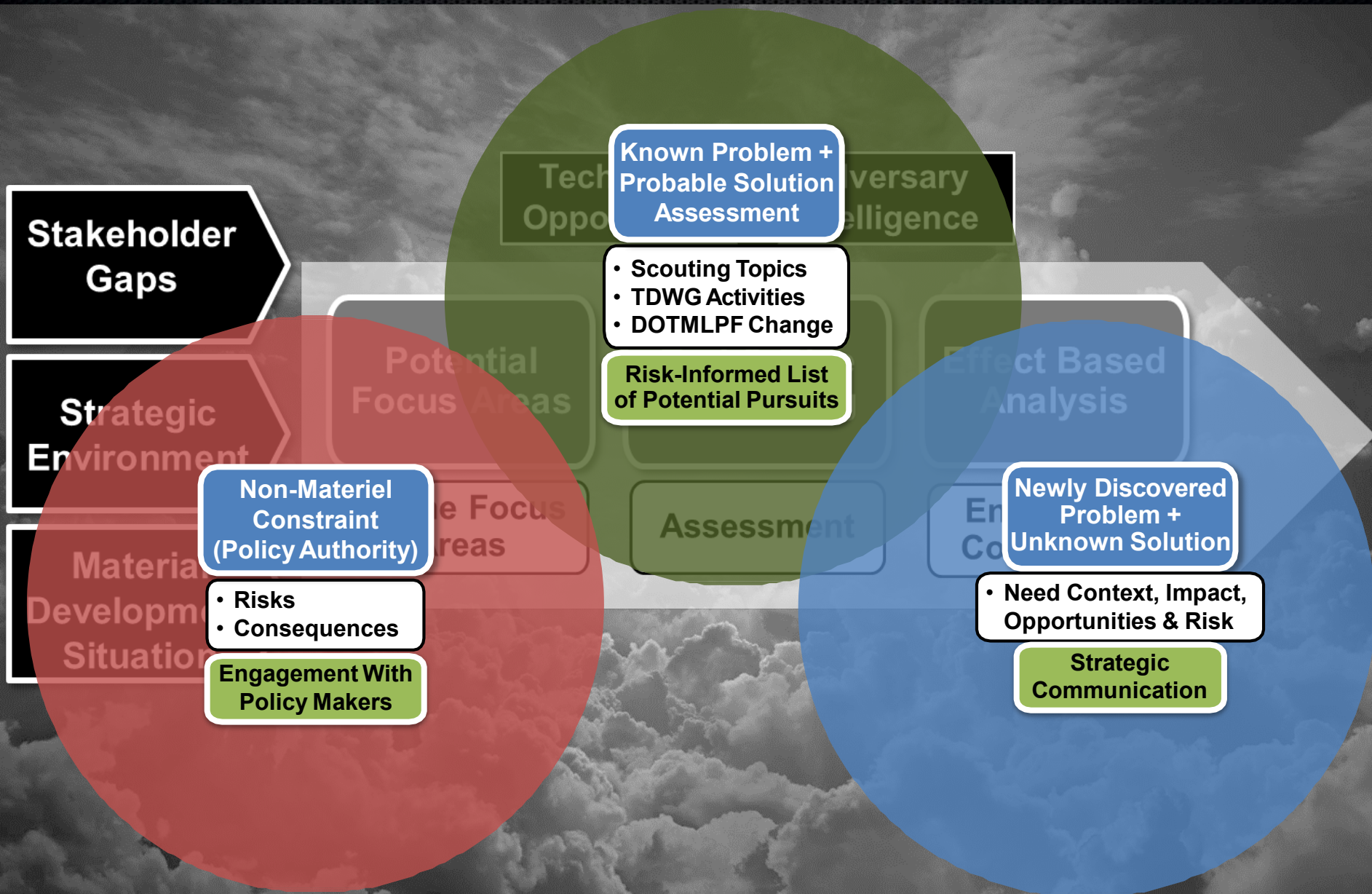
SOCOM S&T PROCESS



SOCOM S&T PROCESS



SOCOM S&T PROCESS





QUESTIONS?

